

**OPERATION AND MAINTENANCE PLAN
GRASSED WATERWAY
CODE 412**

Landowner/Operator _____

Job Location _____ GPS _____

Prepared By _____ Date _____

Operation and Maintenance Items

A properly operated and maintained grassed waterway is an asset to your farm. The grass waterway is designed to stabilize an eroding area and safely convey runoff from the drainage area it serves. The estimated life span of the installation is at least 10 years. The life of the installation can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective program includes:

- ☐ Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilizing and application of herbicides when necessary. Periodic mowing or grazing may also be needed to control height. Limit livestock usage to vegetative growth periods when vegetation root systems will not be damaged or soil compacted.
- ☐ Avoid using the waterway as a travel lane for vehicles and/or farm machinery.
- ☐ Check all rock riprap and erosion control matting sections for accelerated weathering and displacement of materials. Replace to original shape and grade if necessary.
- ☐ Remove all foreign debris that hinders system operation.
- ☐ Regrade eroded areas. Remove excessive sediment deposits and restore the original shape and grade of the waterway. Reseed disturbed areas.
- ☐ Repair any rodent, burrowing animal, vandalism, vehicle, or livestock damage.
- ☐ Maintain fences to prevent unauthorized human access or uncontrolled grazing.

Other _____
